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TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Birasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IB, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

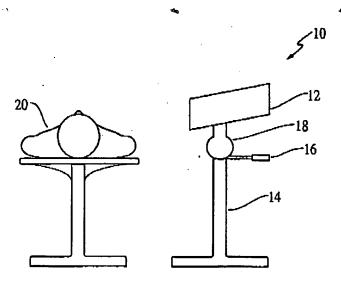
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(54) Title: MULTISPECTRAL/HYPERSPECTRAL MEDICAL INSTRUMENT



## (57) Abstract

A medical instrument that comprises: a first-stage optic (40) responsive to a tissue surface of a patient; a spectral separator (42) optically responsive to the first stage optic and having a control input; an imaging sensor (46) optically responsive to the spectral separator and having an image data output: and a diagnostic processor (38) having an image acquisition interface (50) with an input responsive to the imaging sensor and a filter control interface (52) having a control output provided to the control input of the spectral separator (42).

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